

# COURSE DETAIL

## DATABASE SYSTEMS

**Country**

China

**Host Institution**

Tsinghua University

**Program(s)**

Tsinghua University

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Computer Science

**UCEAP Course Number**

129

**UCEAP Course Suffix****UCEAP Official Title**

DATABASE SYSTEMS

**UCEAP Transcript Title**

DATABASE SYSTEMS

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

## Course Description

This course is designed to introduce the fundamental concepts and implementations of modern database management systems. This is not a course that teaches you how to use a database to build applications (e.g., schema design, SQL programming). It is designed as a systems course with an emphasis on database internals. Prior experience with databases is NOT expected. Upon successful completion of this course, the student should feel confident taking a job as a database developer or conducting database-related research in graduate school.

### Language(s) of Instruction

English

### Host Institution Course Number

40470414

### Host Institution Course Title

DATABASE SYSTEMS

### Host Institution Campus

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

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